BETTER BY DESIGN

Quintro+

PRO AUDIO VIDEO CONTROL

USERS MANUAL

page intentionally left blank

SAFETY PRECAUTIONS

1. The **'Quintro+' Pro Audio Video Control** operates within 220-240V AC / 50Hz.
2. If you have to replace the fuse, you must use a fuse of 250V/ F400 mA / 5 x 20 mm and with the safety approval mark.
   Never open the cabinet or leave the cabinet open with the mains connected.

3. Never put heavy objects or containers with water on top of the **'Quintro+'**.

4 Never insert any object into the case nor touch the inside of the **'Quintro+'**.
5. Ensure good ventilation. Do not cover or obstruct the ventilation slots of the **'Quintro+'**.
6. Choose a good location that is well ventilated, out of direct sunlight and away from direct heat, vibration, high humidity or excessive dust.

7. It is preferable and safe to leave the **'Quintro+'** always on. Power consumption is minimal. However, when the **'Quintro+'** is to be out of use for a long period, you should disconnect it from the mains.

CONTENTS

INTRODUCTION 4

HOW TO CONNECT 4

Recommended Connections 5
Auxillary Input operation..... 5
How to connect a 2nd VCR.. 5

How to connect...
RGB or S-VHS equipment .. 5

HOW TO USE:

Smart Automatic Switching 6
Status LED Display lamps... 7
Manual Switching 7
Connection Option Diagram.. 7
Lock Function 8

How to record 8

How to make two different recordings at the same time ... 9

How to record between two VCR's 10

How to obtain Hi-Fi stereo sound 10

QUESTIONS & ANSWERS 10

THANK YOU,
for buying the 'Quintro+'.

Now you really can enjoy high quality audio and visual entertainment 'easily' with the unique features of your **'Quintro+' Pro Audio Video Control:**

1. A clever central console with simple plug-and-go operation to connect all your audio and video equipment into one system without complicated cabling or the inconvenience of changing cables between equipment.

2. Automatic AV, RGB and wide-screen switching without manual intervention.

3. 3-colour LED's display the status of video inputs and outputs at a glance.

4. Watch or record two different RGB videos at the same time.

5. LOCK function prevents accidental interruption of recording or viewing.

6. RGB and S-video recording.

7. Easy and bi-directional recording between two VCR's.

8. Four RGB and S-video inputs.

9. Convenient auto-switching input on the front panel for video cameras and games.

10 Highest level of audio and video quality maintained at all times.

11 Elegant design and finish to compliment other AV equipment.

"Please read this manual carefully before installing and operating your Quintro+".

HOW TO CONNECT

1. Please follow the diagramatic illustration of "Recommended Connections" on the opposite page.

2. You Primary VCR should always be connected to **"SCART 1"**.

2. Video output on the **"TV1"** Phono socket is the same as that on the **"TV"** SCART output.

3. Video output on the **"TV2"** Phono socket is selectable by the TV2 button on the front panel:

Button released = video same as that output on SCART "1".

Button depressed = video same as that output on "TV" SCART.

4. Audio output on the **"HI-FI"** Sockets is as output on the **"TV"** SCART.

5. **AUX INPUT**
   The Scart and Phono sockets on the front and back panels of Input **"5 -AUX IN"** are parallel, hence, any one of these three inputs can be used.

However, you can connect equipment permanently to the Scart or Phono sockets of Input **"5"-AUX IN"**, on the back panel.
You may still use the **"AUX IN"**front panel input for temporary attachment of equipment.

The back panel Input of "5"-AUX IN" will be disabled automatically whenever you plug into the front panel Input.

CONNECTING A SECOND VCR

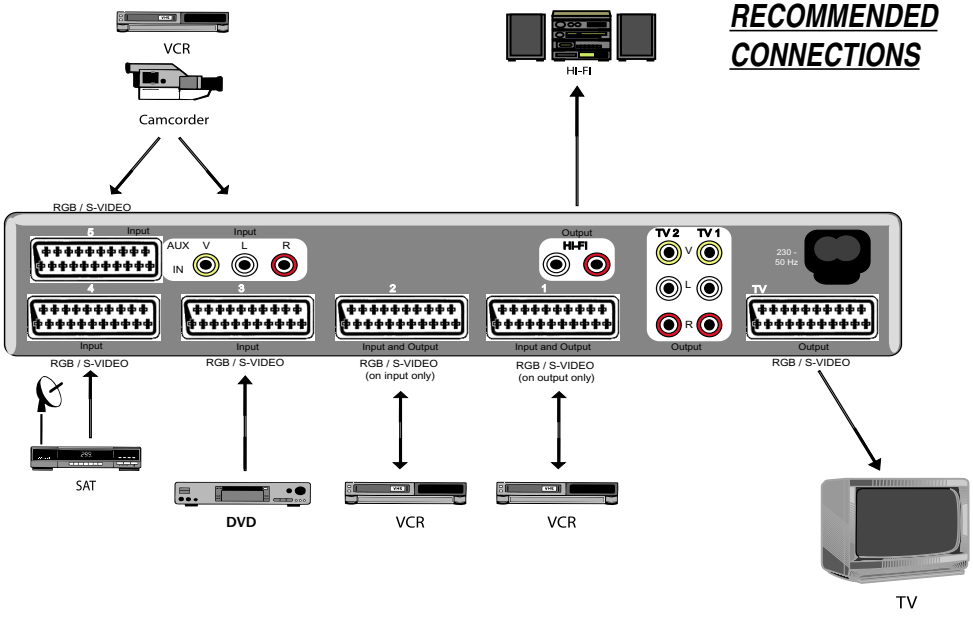
A second VCR may be connected to **"SCART 2"'.** To record video from any other input, select as follows:

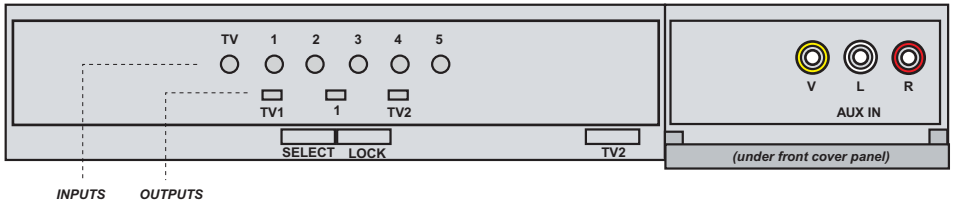
TV2 button released = video output is the same as that output on "SCART 1,"
Or,
TV2 button depressed = video same as that on the "TV1" Phono output.

CONNECTING TO RGB or S-VHS EQUIPMENT:

Connect to any of the 5 scart inputs.

RECOMMENDED CONNECTIONS





USING THE "QUINTRO+"

SMART AUTO-SWITCHING:

1. Scart connections:

If connections between the AV equipment, the **"QUINTRO+"** and the TV are fully wired Scart Leads, whenever you switch on the desired AV equipment, the **"QUINTRO+"** will automatically switch to the correct input and switch the TV onto the AV or RGB channel in normal 4:3 or wide-screen 16:9 format.

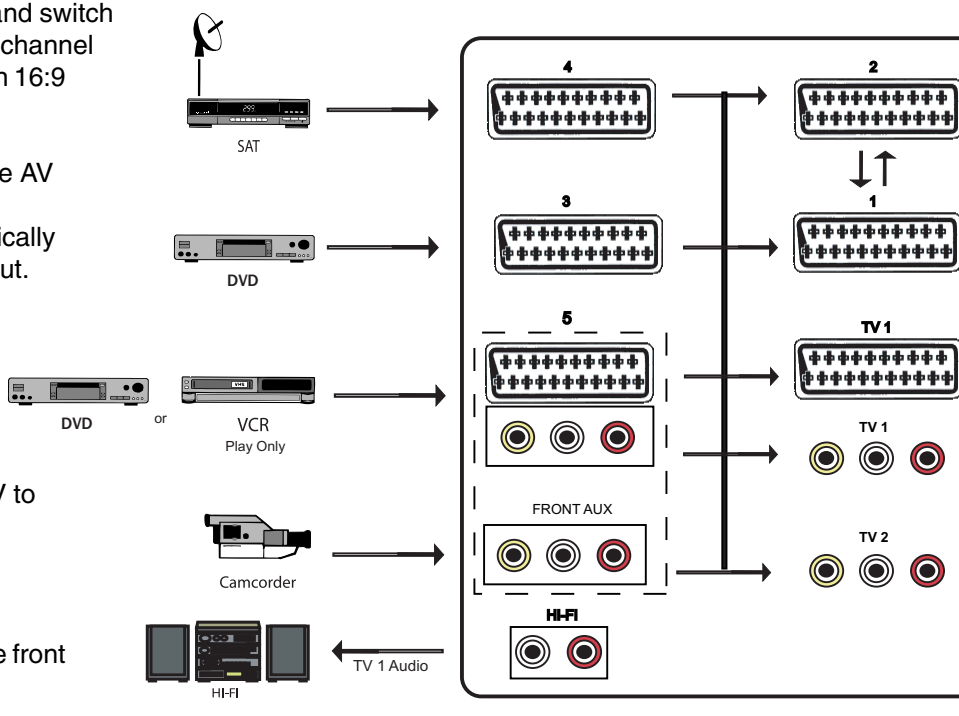
Whenever you switch off the AV equipment currently on, the **"QUINTRO+"** will automatically switch to the last active input.

If there is no active input, i.e., all AV equipment switched off, the **"QUINTRO"** will automatically switch to TV (standby) and switch the TV to the TV channel.

2. Front panel AUX input:

Whenever you plug onto the front panel Video AUX input, the **"QUINTRO+"** will automatically switch to the front panel AUX input and disable the back panel AUX input.

If the connection between the TV and the **"QUINTRO+"** is from Scart to Scart, the **"QUINTRO+"** will also switch the TV onto the AV Channel.



3. LED Lamp Display:

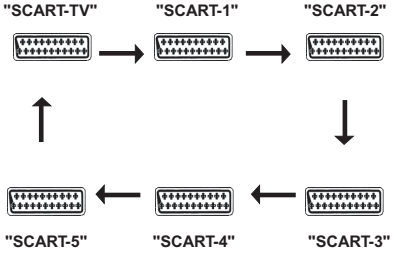
All lamps will turn off and on in green, red or orange fully automatically to show the current video inputs and outputs clear at a glance:

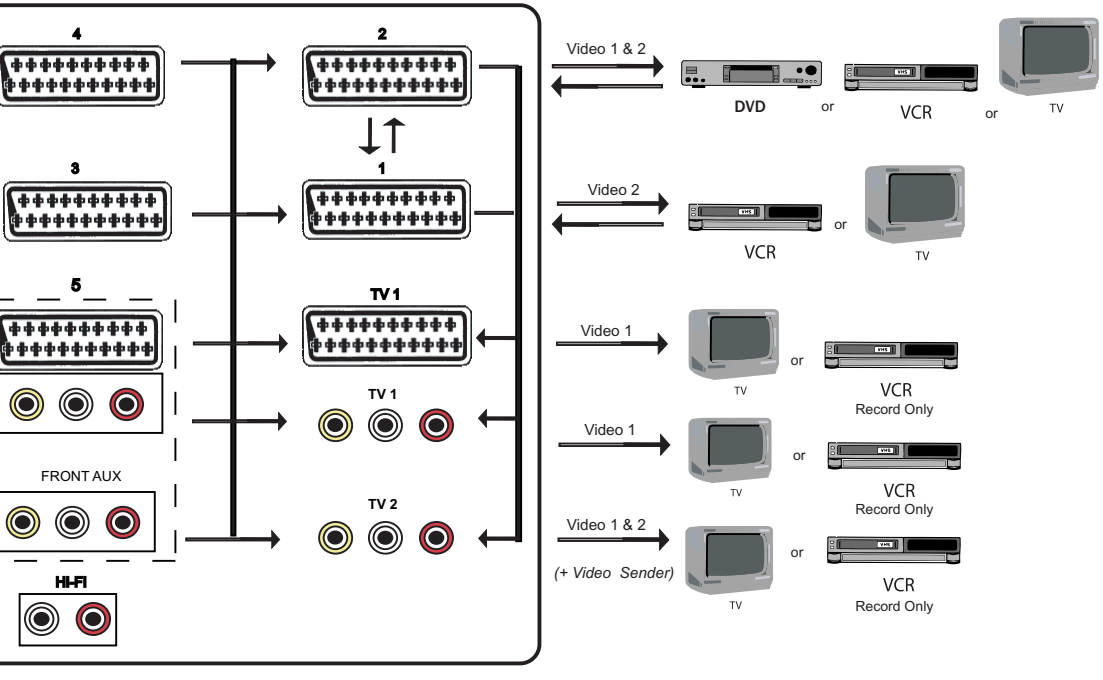
Round Lamp = Input
Rectangular Lamp = Output

Green output = video from green input
Red output = video from red input
Orange output = video from orange input

MANUAL SWITCHING

1. **SELECT -**
   At each press of the “SELECT” button, you will cycle through all inputs in the following order:





CONNECTION OPTIONS

2. **LOCK -**
   Depress the LOCK button to lock the selected input to **"SCART 1"** and the **"TV2"** Phono sockets for uninterrupted recording or watching. i.e., another TV may be connected to the **"TV2"** Phono sockets.

3. **TV2-**
   To select the output video.

   Button released = Output video as that on the Scart connector "1".

   Button depressed = Output video as on the Scart connector "TV".

LOCK FUNCTION:

To prevent recording or watching on TV2 from accidental interruption, you can lock the selected input:

1. Select your desired input, of which the lamp will turn on in green.

2. Depress once the LOCK key. All lamps will turn from green to orange.

3. When the LOCK function is on, you may select other input. The lamp of the newly selected input will turn on in green. The lamps of the locked input and the VCR output will change from orange to red.

   Depending on the setting of the TV2 button, the TV2 lamp will change from orange to either red or green.

4. To release the LOCK function or to select another input for recording:

i. Select the locked input again, all lamps change to orange.

ii. Depress the LOCK key once and the LOCK function will be released. All lamps will change from orange to green.

iii. To select another input for recording, select your desired input and repeat steps 1 and 2.

HOW TO RECORD:

1. On your VCR, select the AV or RGB channel.

2. Switch on the equipment, from which, the video is to be recorded.

   If digital TV is to be recorded, you should select your desired channel on the digital TV receiver.

3. Make sure the correct input on the **"QUINTRO+"** is selected.
   The lamp of the selected input will turn on in green.

4. Depress the LOCK key once to turn on the LOCK function to prevent recording from interruption. All lamps will change from green to orange.

5. Depress the RECORD key on your VCR and the PLAY key on the video source equipment. Recording will start.

RGB or S-video format can be recorded on "SCART 1".

To watch the output from another device while recording?

i You may select another input, recording will not be interrupted.
ii The lamp of the newly selected input will turn on in green.
iii The lamps of the locked input and the VCR output will change from orange to red.
iv Depending on the setting of the TV2 button, the TV2 lamp will change from orange to either red or green.

To watch the video being recorded

i Make sure your TV is on the AV channel and select the locked input again, i.e., all lamps in orange.

ii If you are watching video on the TV connected to the **"TV2" Phono socket**, skip this step and simply release the **TV2** button, i.e., TV2 lamp is either red or orange.

HOW TO MAKE TWO DIFFERENT RECORDINGS AT THE SAME TIME:

1. Connect the two VCR's respectively to **SCART "1"** and **SCART "2"**.

2. Connect the equipment providing the video source to either **SCART "3", SCART "4" or SCART "5".**

3. Select the input your require, **SCART "3", "4" or "5"** and depress the "**LOCK**" key once. Then select one of the remaining inputs, **SCART "3", "4" or "5".**

4. Make sure the "**TV2**" button is depressed, i.e., TV2 lamp in green.

5. Select the AV channel on each VCR and depress the RECORD key on each.

6. Depress the PLAY keys on the equipment providing the video source.

Two different recordings will start.

IMPORTANT: - You should not perform any other switching on the "QUINTRO+" until recording has finished.

HOW TO RECORD BETWEEN TWO VCR's:

1. Connect two VCR's respectively to **"SCART 1"** and **"SCART 2"** sockets. Recording can be done bi-directionally between two VCR's.

2. To record from the second VCR connected to the **"SCART"2"** input, select **"2"** and press the LOCK key once.
   Output lamps will change to red or orange.

To record from the primary VCR connected to **"SCART 1"**, select **"1"**, press the **LOCK** key once and make sure the TV2 button is released. TV2 and **"1"** In/Out lamps change to red or orange.

3. Select the AV channel and depress the RECORD key on the destination VCR.

4. Depress the PLAY key on the source VCR. Recording will start.

HOW TO OBTAIN HI-FI STEREO SOUND:

Connect a Hi-Fi system to the HI-FI Output on the rear panel of the **"QUINTRO+"**, to obtain excellent Hi-Fi stereo sound through your Hi-Fi system from any input.

QUESTIONS & ANSWERS

1. I cannot release the LOCK function?

You have to select the locked input again before you can release the LOCK function, i.e., all lamps in orange.

2. I cannot watch terrestrial TV while recording video from other input?

Make sure your TV is not on the AV channel. If it is, switch it out of the AV channel.

3. I want to monitor the recording?

You have to select the input being recorded from and select the AV channel on your TV, i.e., all lamps turn orange.

*If you are watching via the Phono connection on TV2, simply release the TV2 button on the **"QUINTRO+"**.*

page intentionally left blank

B-Tech International Limited,
Croydon, CR0 9UG, UK.

www.b-tech-int.com